

## UTAH OIL AND GAS CONSERVATION COMMISSION

REMARKS WELL LOG ELECTRIC LOGS FILE ☒ WATER SANDS LOCATION INSPECTED SUB REPORT abd

DATE FILED 4-2-84

LAND FEE &amp; PATENTED

STATE LEASE NO

PUBLIC LEASE NO

U-9831

INDIAN

DRILLING APPROVED 4-12-84 - GAS (CAUSE NOS. 149-1 &amp; 149-16)

SPUDDED IN

COMPLETED

PUT TO PRODUCING

INITIAL PRODUCTION

GRAVITY A.P.I.

GOR

PRODUCING ZONES

TOTAL DEPTH

WELL ELEVATION

DATE ABANDONED

FIELD

SAN ARROYO

UNIT

COUNTY

GRAND

WELL NO

ARCO FEDERAL "B" #2

API #43-019-31146

LOCATION

(Surf.) 77' FSL FROM (N) (S) LINE 1913' FWL  
(PROD.ZONE) 1000' FSL - 750' FWL

FT FROM (E) (W) LINE

1/4 - 1/4 SEC

SWSW

6

TWP

RGE

SEC

OPERATOR

TWP

RGE

SEC

OPERATOR

16S

25E

6

TXQ PRODUCTION CORP.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

## APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. U-9831
b. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME ---
2. NAME OF OPERATOR TXO Production Corp. Attention: K. P. Bow		7. UNIT AGREEMENT NAME ---
3. ADDRESS OF OPERATOR 1800 Lincoln Center Building, Denver, CO 80264		8. FARM OR LEASE NAME Arco Federal
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.) At surface 77' FSL, 1913' FWL, Section 6-T16S-R25E At proposed prod. zone Dakota Sands: 1000' FSL, 750' FWL, Sec. 6-T16S-R25E Total Depth: 1113' FSL, 607' FWL, Sec. 6-T16S-R25E		9. WELL NO. "B" #2
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* Approximately 41 miles NW of Mack, Colorado.		10. FIELD AND POOL, OR WILDCAT San Arroyo
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 650'		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Section 6-T16S-R25E
16. NO. OF ACRES IN LEASE 697'		12. COUNTY OR PARISH Grand
17. NO. OF ACRES ASSIGNED TO THIS WELL 320		13. STATE Utah
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 3634'		19. PROPOSED DEPTH 6500' TVD
20. ROTARY OR CABLE TOOLS Rotary		21. ELEVATIONS (Show whether DF, RT, GR, etc.) 7268' GR
22. APPROX. DATE WORK WILL START* July 1, 1984		

## 23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
24"	16"	Corrugated Iron	40'	2 yards
12 1/4"	9 5/8"	36#	300'	160 sacks
8 3/4"	7"	20#	2758' MD 2700' TVD	200 sacks
6 1/4"	4 1/2"	10.5#	6760' MD 6500' TVD	150 sacks

TXO Production Corp. proposed to directionally drill the subject well using an angle building rate of 2°/100 feet in accordance with the following table:

	TVD	MD	Deviation	Angle
Kickoff Depth	1000'	1000'	0'	0°
Angle Established	1900'	1915'	145'	18.3°
Initial Objective	5950'	6131'	1485'	18.3°
Total Depth	6500'	6761'	1667'	18.3°

The initial production target (Dakota sands) is located 1000' FSL, 750' FWL of Section 6 and is planned with a 150' target radius to comply with State spacing order Cause No. 149-

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

SIGNED R. E. Dashner TITLE District Drilling Mgr. DATE March 22, 1984  
(This space for Federal or State office use)

PERMIT NO. \_\_\_\_\_

APPROVED BY \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY: \_\_\_\_\_

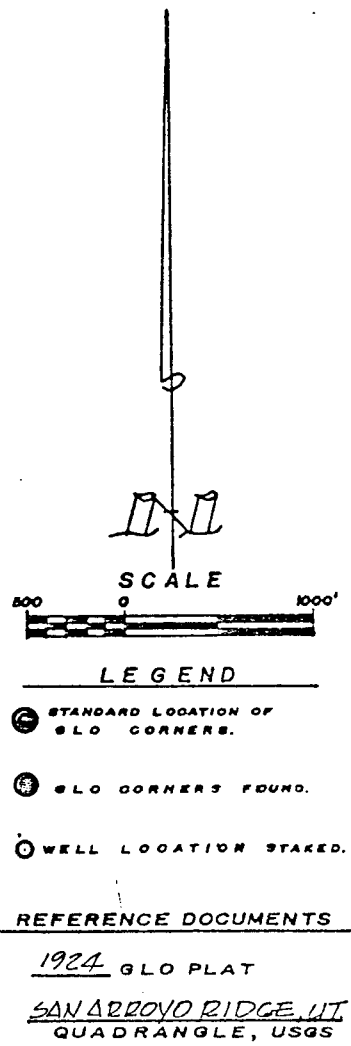
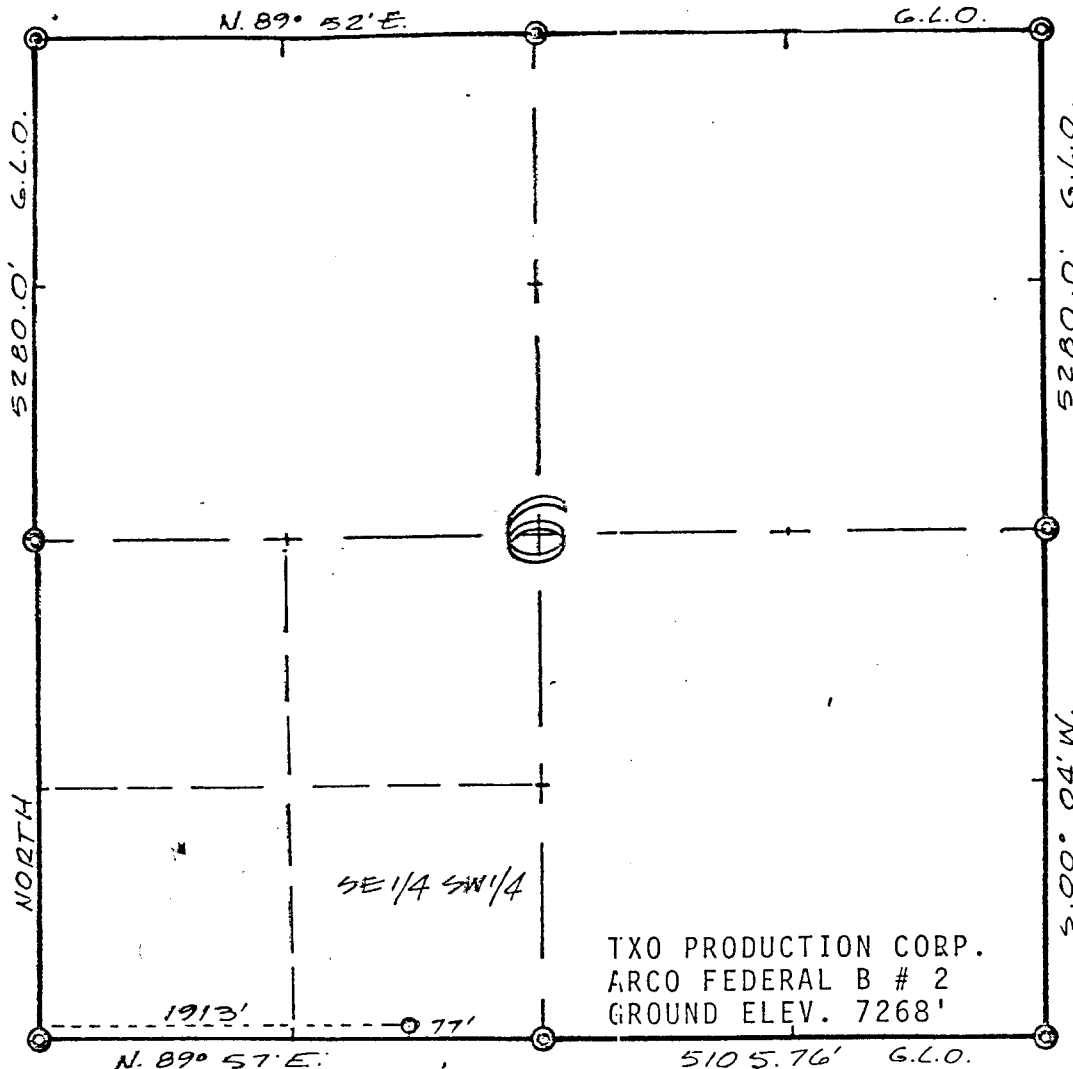
APPROVED BY THE STATE  
OF UTAH DIVISION OF  
OIL, GAS, AND MINING  
DATE: APR 2 1984  
BY: [Signature]

RECEIVED

DATE  
APR 2 1984DIVISION OF  
OIL, GAS & MINING

SEC. 6, T. 16 S., R. 25 E. OF THE S.L.M.

EXHIBIT # 2



THIS WELL LOCATION PLAT WAS PREPARED FOR TXO PRODUCTION CORP.  
 AS REQUESTED BY PAUL URBAN, TO LOCATE THE  
ARCO FEDERAL B # 2, 77' E S L & 1913' E W. L.,  
 IN THE SE 1/4 SW 1/4, OF SECTION 6, T. 16 S, R. 25 E OF THE S.L.M.  
GRAND COUNTY, UTAH

SURVEYOR'S CERTIFICATE

I, LARRY D. BECKER A REGISTERED LAND SURVEYOR  
 IN THE STATE OF UTAH DO HEREBY CERTIFY THAT THIS  
 SURVEY WAS MADE UNDER MY DIRECT SUPERVISION AND  
 THAT THIS PLAT REPRESENTS SAID SURVEY.

*Larry D. Becker*  
 UTAH L.S. NO. 4189

SURVEYED	9/22/82	
DRAWN	9/30/82	
CHECKED	9/30/82	

ENERGY  
SURVEYS &  
ENGINEERING CORP.

Exhibit 2  
Survey Plat

SCALE	1" = 1000'
JOB NO.	
SHEET	OF

9-331 C ADDENDUM  
Arco Federal "B" #2  
Section 6-T16S-R25E  
Grand County, Utah

1. SURFACE FORMATION: Mesaverde
2. ESTIMATED FORMATION TOPS:

Castlegate	2350'	Depths given are true vertical depths (TVD)
Mancos	2550'	
Dakota Silt	5950'	
Morrison	6150'	
Total Depth	6500'	

3. ESTIMATED DEPTH AT WHICH OIL, GAS, WATER OR OTHER MINERAL BEARING ZONES ARE EXPECTED TO BE ENCOUNTERED:

Expected Gas Zones:	Castlegate	2350' (TVD)
	Mancos "B"	2550' (TVD)
	Dakota	5950' (TVD)
	Morrison	6150' (TVD)

Water may be encountered in the Mesaverde formation.

4. DIRECTIONAL DRILL PROGRAM:

As indicated on Form 9-331C, TXO Production Corp. proposes to directionally drill the subject well. Major depths and angles are listed below:

	<u>TVD</u>	<u>Deviation</u>	<u>Angle</u>	<u>MD</u>
Kickoff depth	1000'	0.0'	0.0°	1000'
Angle established	1900'	145'	18.3°	1915'
Initial objective	5950'	1485'	18.3°	6181'
Total Depth	6500'	1667'	18.3°	6761'

During kickoff, an angle building rate of 2°/100' will be employed with surveys to be taken at between 30 and 90 foot intervals as required by hole conditions. When a total angle of 18.3° from vertical is established, the angle will be held to the proposed TD of 6500' (TVD). The bottomhole target (Dakota sand group) is located 1000' FSL, 750' FWL of Section 6 and is planned with a 150' target radius to comply with applicable state spacing regulations. Again, frequency of surveys taken through this stage of the hole will be determined by hole conditions.

5. CASING PROGRAM AS PER FORM 9-331 C.

6. PRESSURE CONTROL EQUIPMENT:

- A. After surface casing is set, a double ram-type blowout preventer with blind rams and pipe rams, with minimum working pressure of 2000 psi (greater than the anticipated bottomhole pressure of 1100 psi), will be installed. See Exhibit 1.
- B. A choke control, fill and kill lines with minimum working pressure of 2000 psi will be installed.
- C. A rotating pack-off head will be installed above the blowout preventer to control flow while drilling with air.
- D. The equipment in A and B will be pressure-tested to 2000 psi before drilling surface pipe cement, and the blowout preventer will be tested for operations daily and during trips.

7. MUD PROGRAM

- |         |  |
|---------|--|
| 0'-300' | Air or air mist. If necessary, will use spud mud at 8.8-9.2#/gal. vis. 28-32 sec. API.           |
| 300'-TD | Air or air mist. If necessary, will use aerated 3% KCl mud at 8.6-8.8#/gal. vis. 35-45 sec. API. |

8. AUXILIARY EQUIPMENT

- A. A kelly cock will be used.
- B. A float valve will be run in the drill string above the bit.
- C. A sub with full opening valve will be kept on the derrick floor to stab into DP when kelly is not in use.

9. CORING, LOGGING, TESTING PROGRAM:

- A. No coring is anticipated.
- B. Logging will consist of the following: DISFL-GR from surface to TD, SNP-FDC-GR-CAL from TD to intermediate pipe; if logged wet, CNL-FDC-GR-CAL.
- C. No DST's are planned.

10. ABNORMAL CONDITIONS

- A. No abnormal pressures or temperatures are expected.
- B. No hazardous gases such as H<sub>2</sub>S are expected.
- C. While drilling with gas or air, return fluids will be directed through the blow line to the reserve pit. All open fires or ignition sources will be prohibited on location while gas or air drilling. A pilot flame will be maintained at the end of the blow line (located 125' from the wellhead) to insure burning of return gases that are combustible.

TXO PRODUCTION CORP.  
MULTIPOINT SURFACE USE AND OPERATIONS PLAN

OCT 8 1982

SALT LAKE CITY, UTAH

DATE: October 4, 1982

WELL NAME: ARCO Federal "B" #2

LOCATION: 77' FSL, 1913' FWL, Section 6-T16S-R25E, Grand County, Utah.

FEDERAL OIL & GAS LEASE NO.: U-9831

1. EXISTING ROADS

- A. Proposed well site as staked. Refer to Exhibit 2. The drill site for this directionally-drilled well has been staked 77' FSL and 1913' FWL in Section 6-T16S-R25E.
- B. Route and distance from nearest town or locatable reference point to where well access route leaves main road: From Mack, Colorado, proceed west on Highway 6 for 15.5 miles to the Harley Dome Road. Then turn right on the Harley Dome Road and proceed northwest on an improved gravel road for 5.7 miles to a fork. Take the left fork (right fork goes up Bryson Ridge) and proceed west for 0.2 mile to a fork. Take the right fork and proceed northwest for 6.2 miles to a fork. Take the right fork and proceed up East Canyon for 13.3 miles to the beginning of the proposed access road.
- C. Access route to location color coded in red and labeled. Refer to Exhibit 3.
- D. For development well, all existing roads within one mile color coded in yellow. Refer to Exhibit 4.
- E. Plans for improvement and maintenance of existing roads: The existing East Canyon Road should not require any upgrading. During wet periods some maintenance may be necessary to allow passage by drillings rigs and well servicing vehicles. Dry periods may necessitate watering the road to control dust.

2. PLANNED ACCESS ROAD

Show all necessary roads to be constructed or reconstructed: An access road, approximately 100 feet long, will be constructed in an north-south direction between the existing road and the south side of the pad. The proposed road will be 18-20 feet wide with a grade of 3% or less. There will be no cattleguards, gates or cutting of fences. Refer to Exhibit 4. A formal right-of-way application for off-lease surface use and the access road is included at the end of the APD/MSUOP.

3. LOCATION OF EXISTING WELLS

Exhibit 6 is a one-mile radius locating and identifying the following:

- A. Water Wells-None
- B. Abandoned Wells-None
- C. Temporarily Abandoned Wells-None
- D. Disposal Wells-None
- E. Drilling Wells-None
- F. Producing Wells-ARCO Federal "B" #1, Sec. 6-T16S-R25E  
Shenandoah 22 East Canyon Unit, Sec. 12-16S-25E
- G. Shut-in Wells-None
- H. Injection Wells-None
- I. Monitoring or Observation Wells for Other Reasons-None

4. LOCATION OF EXISTING AND/OR PROPOSED FACILITIES

- A. Exhibit 5 is a one-mile radius locating the following existing facilities owned by the lessee/operator:
  - 1. Tank Batteries-ARCO Federal "B" #1, Sec. 6-T16S-R25E
  - 2. Production Facilities-ARCO Federal "B" #1, Sec. 6-T16S-R25E
  - 3. Oil Gathering Lines-None
  - 4. Gas Gathering Lines-ARCO Fed. "B" #1, Sec. 6-T16S-R25E,  
connected to ARCO Mesa line in Sec. 6
  - 5. Injection Lines-None
  - 6. Disposal Lines-None
- B. If new facilities are contemplated, in the event of production, show:
  - 1. Proposed location and attendant lines in relation to the well pad. Refer to Exhibit 3.
  - 2. Dimensions of facilities: Refer to Exhibit 6.
  - 3. The production facilities will include a production pit, a blowdown pit, a production unit, a dehydrator and a metering facility. These facilities will be painted either a dark green or light tan in accordance with BLM-specified colors of the Book Cliffs area. The facilities will be located as shown on Exhibit 6. The pit will be located in cut, will contain all water production and will be built in accordance with NTL-2B specifications. All connection work will be done by an oil field service company using standard oil field materials.
  - 4. Protective devices and measures to protect livestock and wildlife: The water production pit will be fenced with woven wire to protect livestock and wildlife.

5. LOCATION AND TYPE OF WATER SUPPLY

- A. Location and type of water supply: Water will be obtained from one of three sources: Westwater Creek, a pond in Section 31-T15S-R23E or West Salt Wash in Colorado. The source selected will depend on water availability and road conditions.
- B. Method of transporting water: The water will be hauled in trucks by a certified water hauler, along the routes shown in green on Exhibit 3.
- C. If water well is to be drilled, so state: No water well is contemplated.

6. SOURCES OF CONSTRUCTION MATERIALS

- A. Show information either on map or by written description: It is anticipated that cuts on location will furnish sufficient quantities of materials to construct a level location. Prior to constructing location, vegetation will be stripped from pad and this material will be stockpiled on the east side of the pad. Any trees, on the pad or along the access road, larger than 4" in diameter will be bucked into 4' lengths and removed from the location. Approximately 6" of topsoil will be stripped from the pad area and stockpiled on the south side of the pad for later use during rehabilitation of the disturbed areas. Additional material, if needed, will be purchased from the dirt contractor.
- B. Identify it from Federal or Indian Land: All affected land is federal and under the management of the Bureau of Land Management.
- C. Describe where materials such as sand, gravel, stone and soil material are to be obtained and used: Materials other than that supplied by cuts on location should not be required to construct the pad and road. Approximately 12,900 cubic yards of material will be derived from cuts on location and approximately 5,600 cubic yards of fill is needed. Refer to Exhibit 7.
- D. Show any needed access roads crossing Federal or Indian Lands: The access road will cross BLM administered lands in Sections 6 and 7-T16S-R25E. Refer to Exhibit 4.

7. METHODS OF HANDLING WASTE DISPOSAL

- A. Cuttings will be contained and disposed of in the reserve pit.
- B. Drilling fluids will be contained and disposed of in the reserve pit. While drilling with air or gas, a dust arresting system will be installed on the blow line.
- C. Produced fracturing fluids will be directed to the reserve pit for evaporation.

- D. Sewage: A portable chemical toilet will be on location during operations.
- E. Garbage and other trash will be placed in a trash bin and removed to a sanitary landfill upon completion.
- F. Protective Devices: The flare pit (if necessary) will be fenced with woven wire and flagged to protect animals. The drilling reserve pit will be fenced on three sides during drilling, and on the fourth side after the rig moves off location.
- G. Statement regarding proper cleanup when rig moves out. When the rig moves out, all trash and refuse will be removed removed from the location and hauled to a sanitary landfill. All pits will be filled after drying and the area restored as under Item 10 of this plan.

8. ANCILLARY FACILITIES

Identify all proposed camps and airstrips on a map as to their location, area required and construction methods: None planned.

9. WELL SITE LAYOUT ATTACHMENT AND PROPOSED RIG LAYOUT

- A. Cross section of drill pad with cuts and fills: Refer to Exhibits 7a and 7b.
- B. Location of mud tank, reserve pit, trash bin, pipe racks and other facilities: Refer to Exhibit 7a.
- C. Rig orientation, parking area: Refer to Exhibit 7a.
- D. Statement regarding pit lining: Reserve pit will be unlined. However, if the sub-surface structure is too porous or is highly fractured, a four inch layer of bentonite will be used as a lining for the pit.

10. PLANS FOR RESTORATION OF SURFACE

- A. Backfilling, levelling, contouring, and waste disposal: Upon completion of the well, the site will be cleared of all debris and the mouse and rat holes filled. The reserve pit will be dried and backfilled. Disturbed areas of the pad not needed for production facilities will be graded to an appearance consistent with the natural contours. These areas will then be covered with topsoil, disked and reseeded with a seed mixture recommended by BLM. If the well is not commercially productive, the entire pad will be reclaimed as described above.

In the event the well is not a producer, that portion of the access road requested by BLM to be rehabilitated will be covered with topsoil, disked and reseeded with a BLM-recommended seed mixture. Shrubby plants removed during road construction will be scattered randomly along the road to provide a natural appearance, control erosion and enhance seed production.

- B. Prior to rig release, pits will be fenced and so maintained until cleanup can be properly done.
- C. If any oil is in the pit, it will be removed or overhead flagging will be installed.
- D. Timetable for commencement and completion of rehabilitation operations: Rehabilitation will commence when drilling operations are completed, approximately December 1, 1982, and will be completed within approximately one year.

11. OTHER INFORMATION

General description of:

- A. Topography, soil characteristics, geologic features, flora, fauna: The drill site is located in a confined canyon bottom. The soil in the area consists of a silty loam. Vegetation is comprised of pinyon pine, juniper, oak brush, sagebrush, herbs and native grasses and covers approximately 50% of the ground. Animals include deer, small mammals and birds.
- B. Other surface-use activities and surface ownership of all involved lands: The affected land is federally owned. The primary surface uses are oil and gas production and ranching.
- C. Proximity of water, occupied dwellings, archeological, historical or cultural sites: There are no live streams in the immediate area. An ephemeral stream flows through East Canyon. An archeological survey will be performed and the results will be forwarded to the Moab office of the BLM.

12. LESSEE'S OR OPERATOR'S REPRESENTATIVES

Include the name, address and phone number of the lessee's or operator's field representative who is responsible for assuring compliance with the approved surface use and operations plan.

Ronald E. Dashner  
District Drilling Engineer  
TXO Production Corp.  
1800 Lincoln Center Building  
1660 Lincoln Street  
Denver, Colorado 80264  
(303) 861-4246 - Business  
(303) 690-5658 - Residence

Comments regarding the content of this plan or arrangements for an on-site inspection should be directed to:

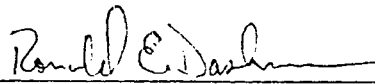
Paul Urban  
Environmental Scientist  
TXO Production Corp.  
1800 Lincoln Center Building  
1660 Lincoln Street  
Denver, Colorado 80264  
(303) 861-4246 - Business  
(303) 429-2908 - Residence

13. CERTIFICATES

The following statement is to be included in the plan and must be signed by the lessee's or operator's field representative who is identified in Item No. 12 of the plan.

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drill site and access roads; that I am familiar with the conditions which presently exist; and that the statements made in this plan are, to the best of my knowledge, true and correct; and, that the work associated with the operations proposed herein will be performed by TXO Production Corp. and its contractors, subcontractors in conformity with this plan and the terms and conditions under which it is approved.

DATE: October 4, 1982

  
\_\_\_\_\_  
Ronald E. Dashner  
District Drilling Engineer

OPERATOR TXO Production Corp. DATE 4-3-84

WELL NAME Aico Fed. "B" #2

SESW - SURFACE  
SECSW SW - PROD. 6 T 16S R 25E COUNTY Grand  
ZONE

43-019-31146  
API NUMBER

Fed  
TYPE OF LEASE

POSTING CHECK OFF:

<input type="checkbox"/> INDEX	<input type="checkbox"/> HL	<input type="checkbox"/>
<input type="checkbox"/> NID	<input type="checkbox"/> PI	<input type="checkbox"/>
<input type="checkbox"/> MAP	<input type="checkbox"/>	<input type="checkbox"/>

PROCESSING COMMENTS:

K- Water Permit #58364 - 01-176

GAS WELL

APPROVAL LETTER:

SPACING: ☐ A-3 \_\_\_\_\_ UNIT

☒ c-3-a 149-1 3/14/73  
CAUSE NO. & DATE  
# 149-16 11/30/82

☐ c-3-b

☐ c-3-c

SPECIAL LANGUAGE:

Stipulations:  
1 - Directional drilling information.

☒ RECONCILE WELL NAME AND LOCATION ON APD AGAINST SAME DATA ON PLAT MAP.

☒ AUTHENTICATE LEASE AND OPERATOR INFORMATION

☒ VERIFY ADEQUATE AND PROPER BONDING

☒ AUTHENTICATE IF SITE IS IN A NAMED FIELD, ETC.

☐ APPLY SPACING CONSIDERATION

☒ ORDER 149-1

☐ UNIT \_\_\_\_\_

☐ c-3-b

☐ c-3-c

☒ CHECK DISTANCE TO NEAREST WELL.

☒ CHECK OUTSTANDING OR OVERDUE REPORTS FOR OPERATOR'S OTHER WELLS.

☒ IF POTASH DESIGNATED AREA, SPECIAL LANGUAGE ON APPROVAL LETTER

☒ IF IN OIL SHALE DESIGNATED AREA, SPECIAL APPROVAL LANGUAGE.



**TXO PRODUCTION CORP.**

1800 LINCOLN CENTER BUILDING  
DENVER, COLORADO 80264

TELEPHONE (303) 861-4246

**RECEIVED**

APR 9 1984

April 5, 1984

DIVISION OF  
OIL, GAS & MINING

Division of Oil, Gas & Mining  
Utah Department of Natural Resources  
4241 State Office Building  
Salt Lake City, Utah 84114

Attention: Arlene Sollis

Re: Arco Federal "B" #2  
Section 6-T16S-R25E  
Grand County, Utah

Gentlemen:

Enclosed please find a 13 point Surface Use Plan for the referenced well and attached exhibits as you requested on the phone. Also enclosed is a copy of a topographic map showing the surface location (which has been constructed), the downhole location, and the lease line.

If you have any questions, please contact me at this office.

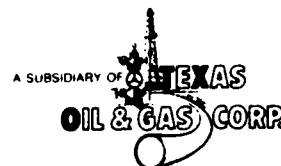
Very truly yours,

TXO PRODUCTION CORP.

Karen P. Bow  
Environmental Scientist

KPB/jy

Enclosures/as stated



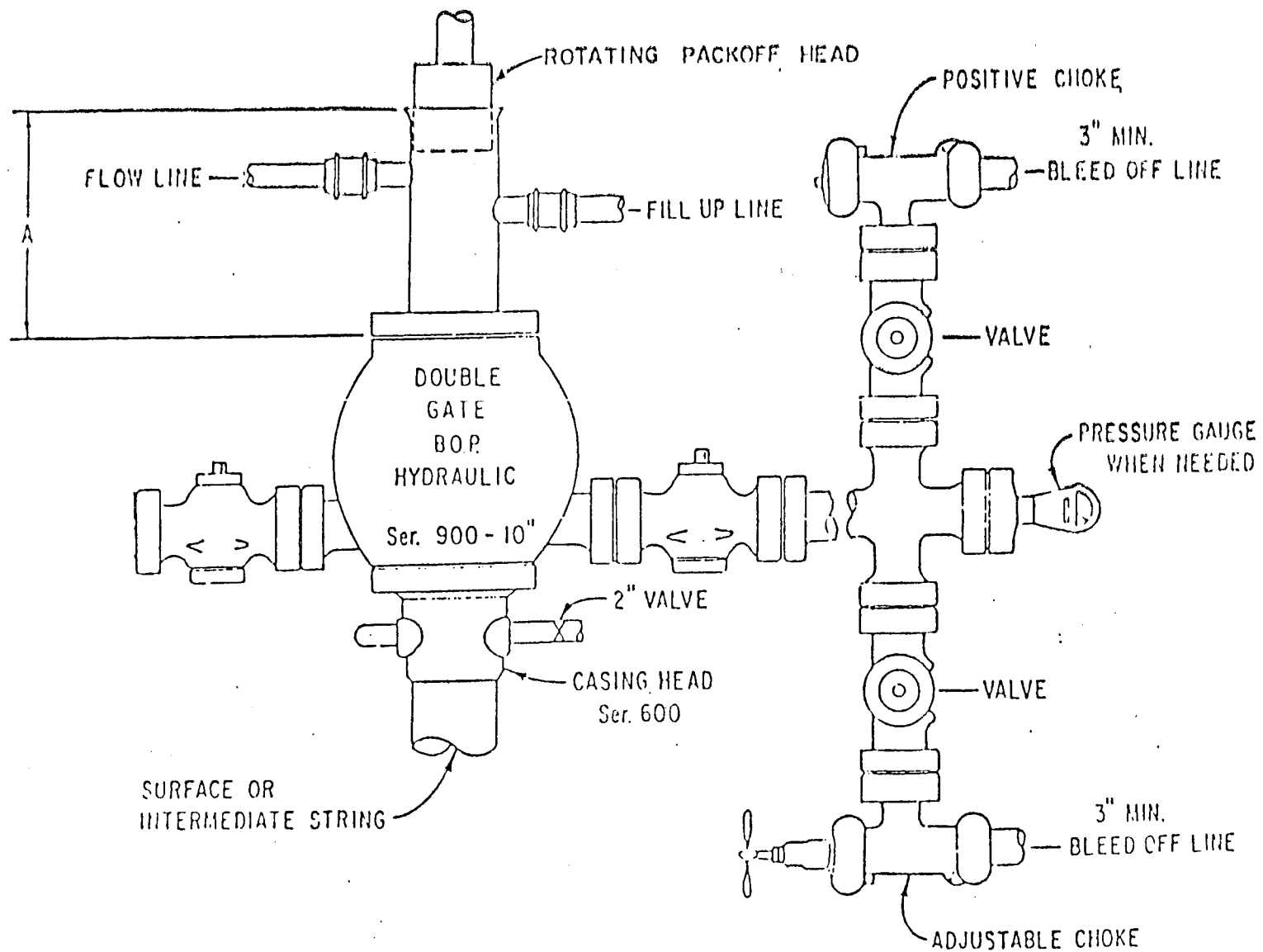


EXHIBIT I  
 BLOWOUT PREVENTER DIAGRAM



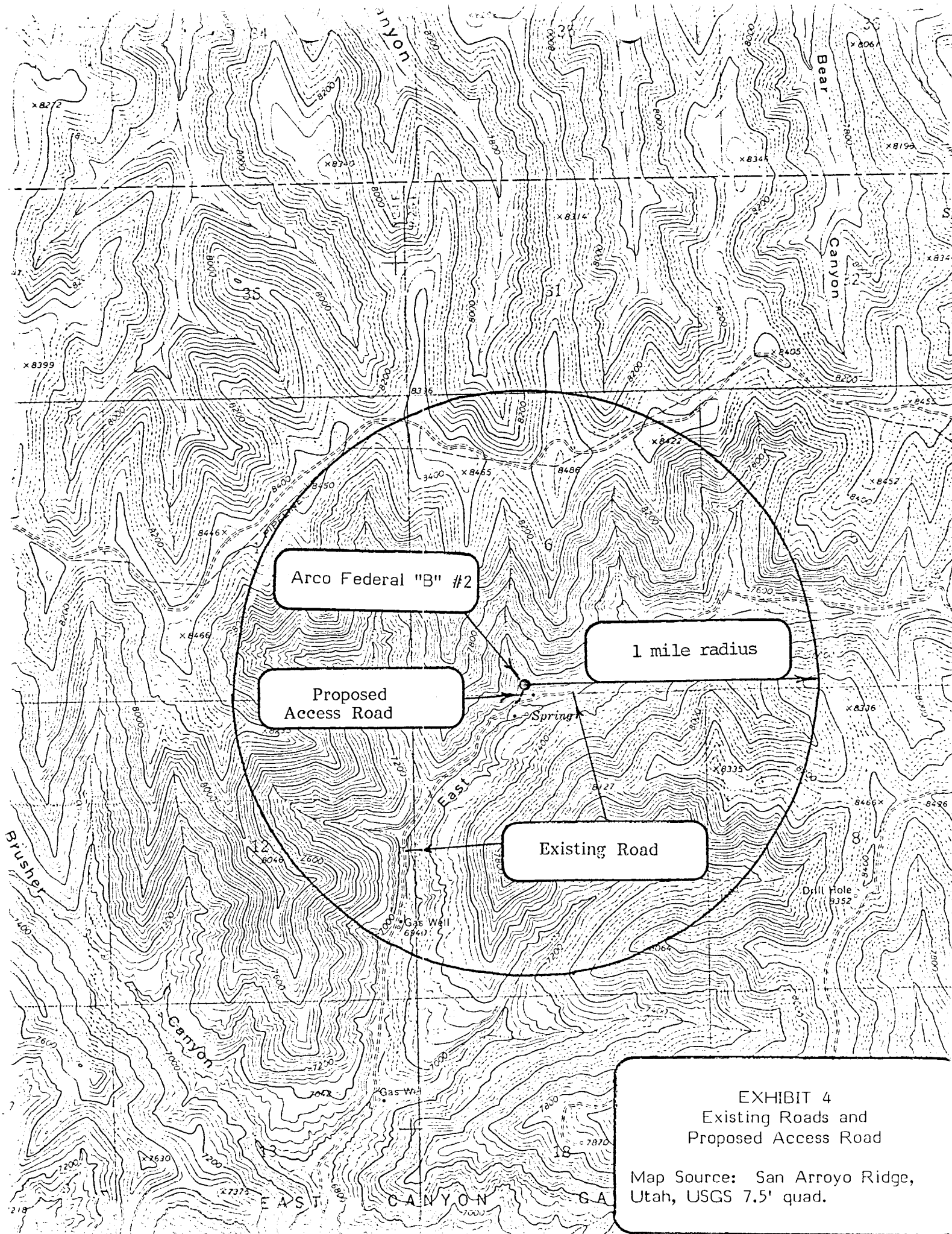
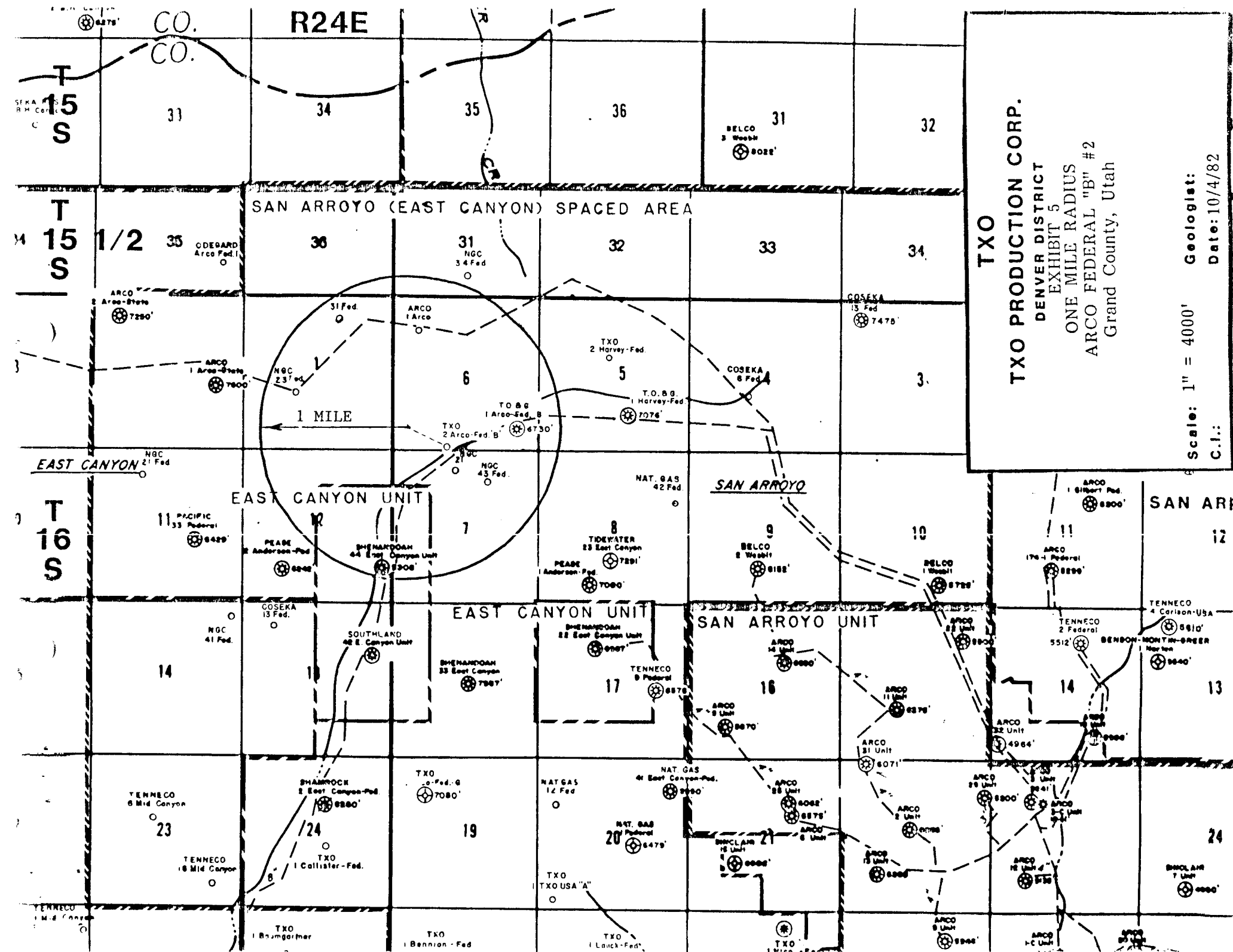


EXHIBIT 4  
Existing Roads and  
Proposed Access Road

Map Source: San Arroyo Ridge,  
Utah, USGS 7.5' quad.



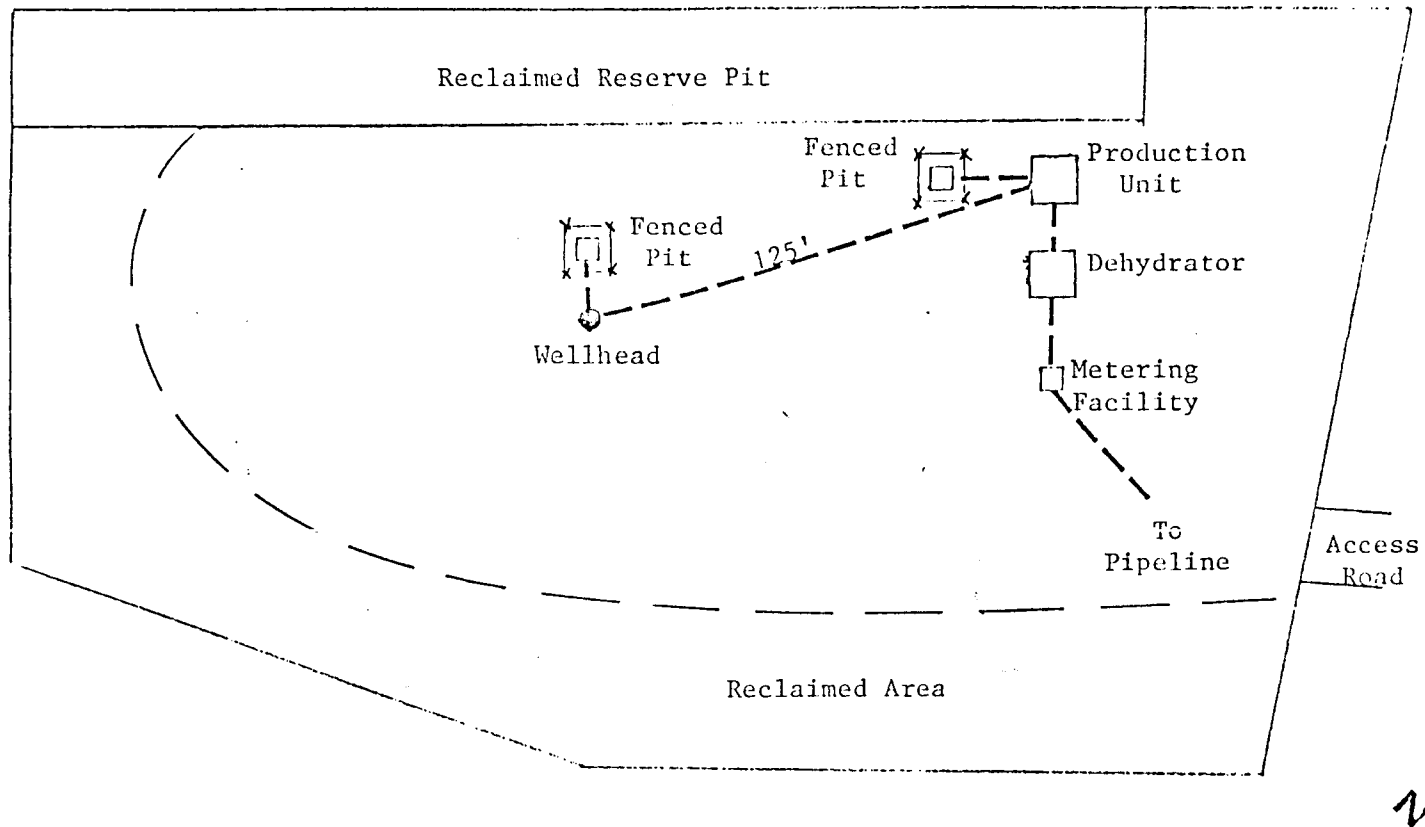
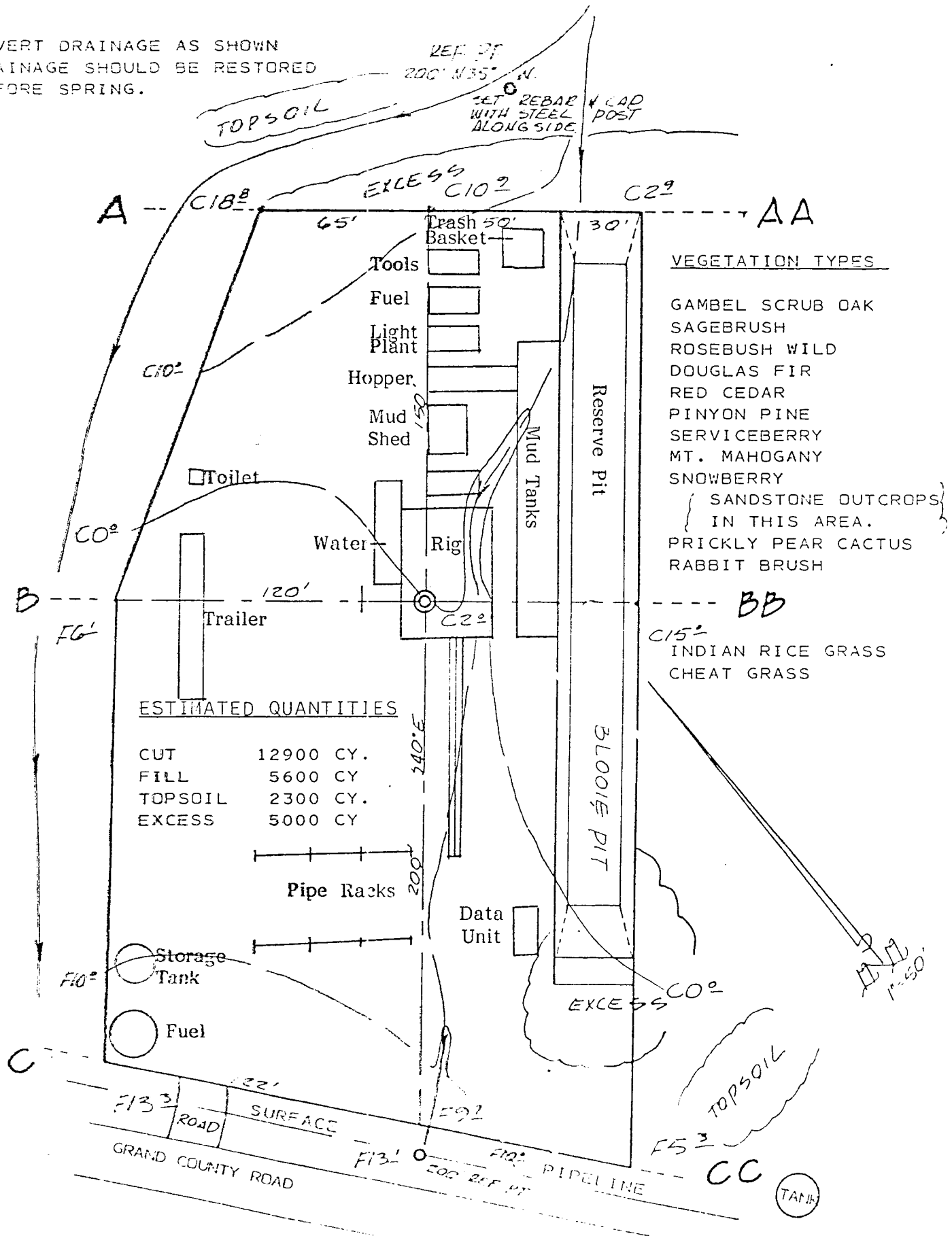


Exhibit 6  
Production  
Facilities

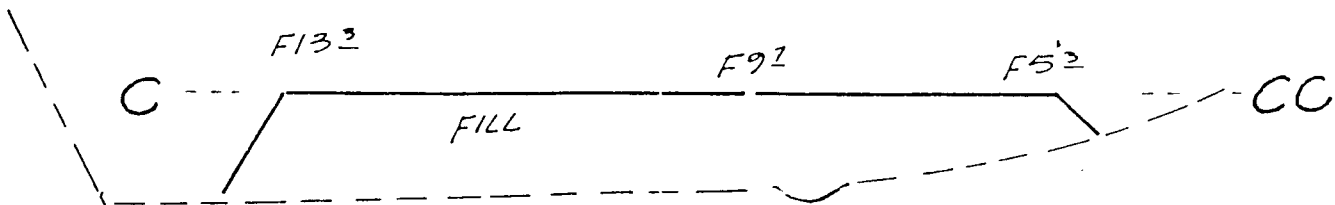
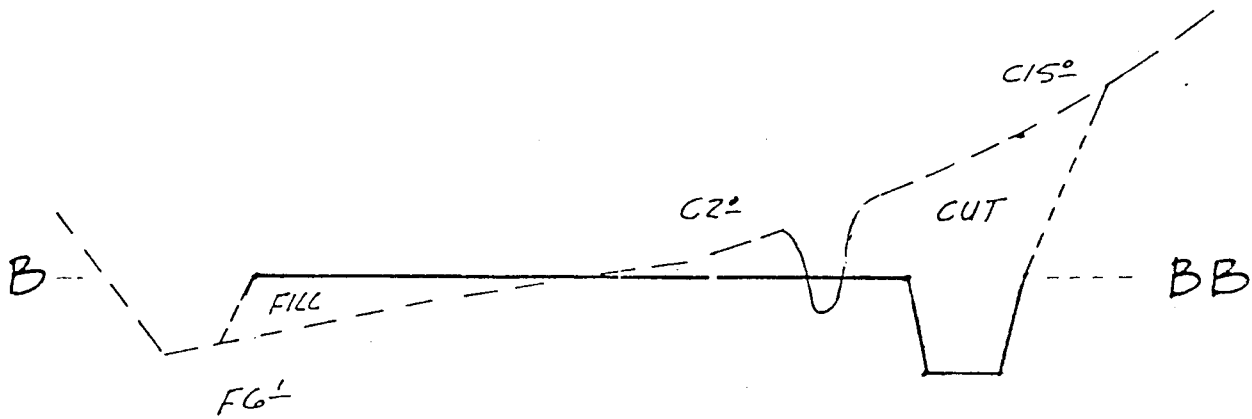
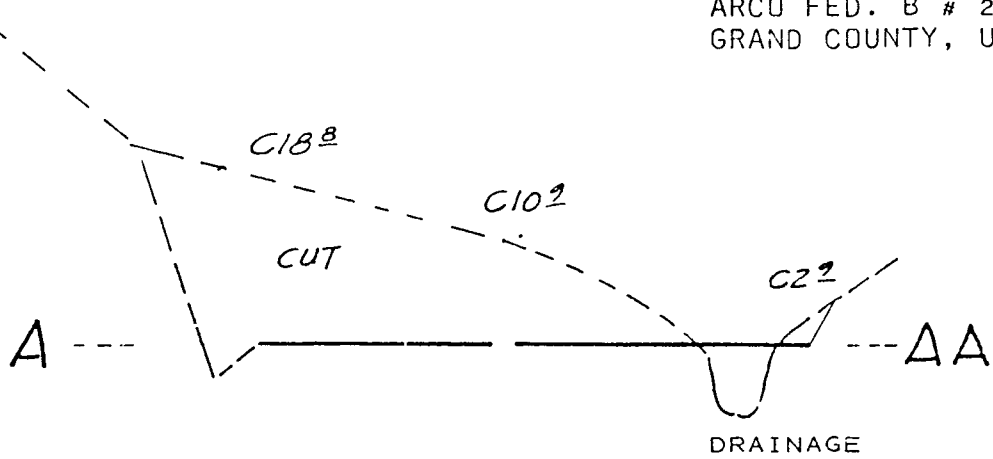
Scale: 1"=50'

- 1) Pit will be 10' x 10' x 6' deep, and will be surrounded by a fence.
- 2) Sacrificial magnesium anodes will be used, if necessary, to control corrosion.
- 3) All pipelines will be coated and wrapped, then buried.
- 4) A surface mounted high/low safety shut-down system will be installed.
- 5) Separator will be an ASME coded vessel.

DIVERT DRAINAGE AS SHOWN  
DRAINAGE SHOULD BE RESTORED  
BEFORE SPRING.

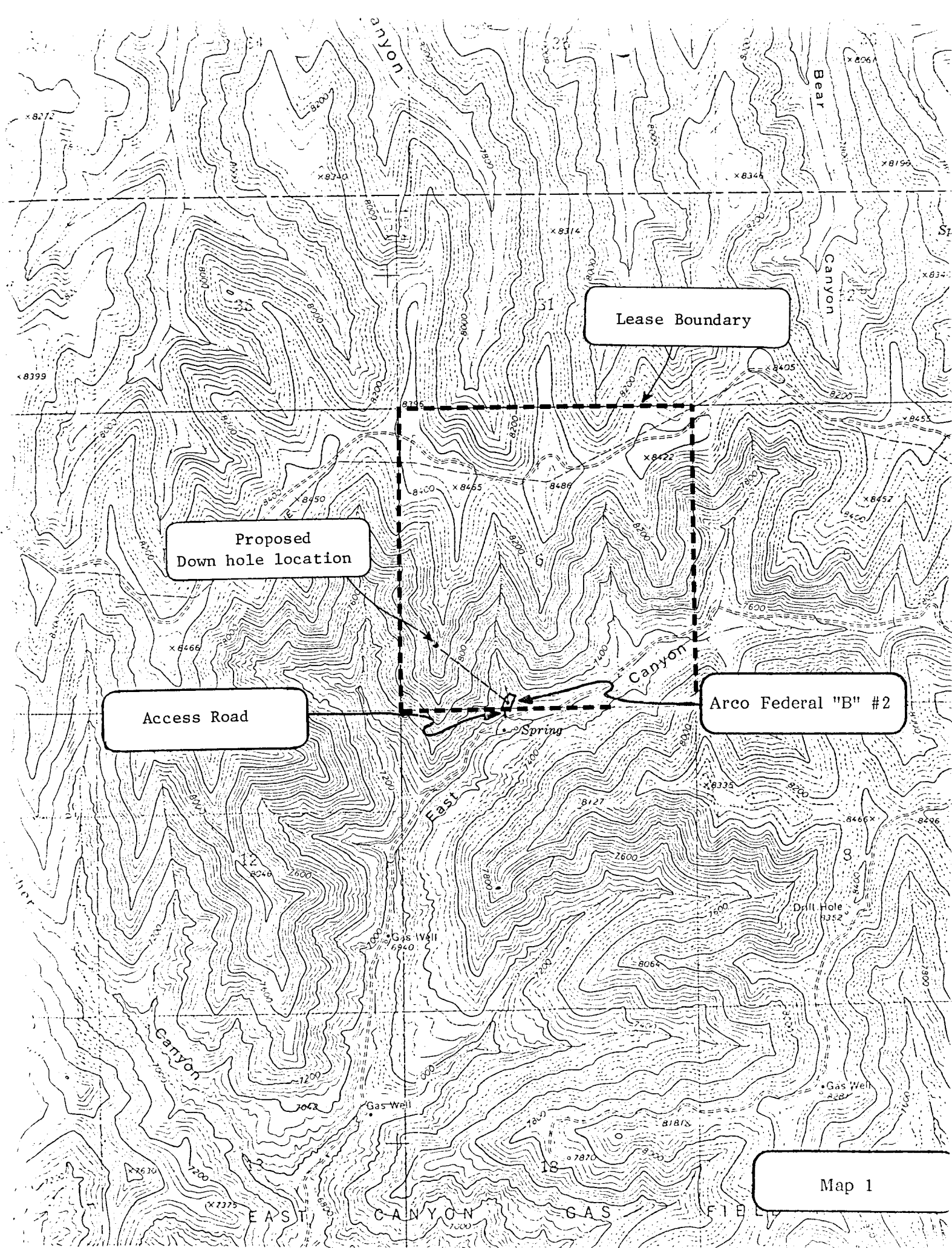


TXO PRODUCTION CORP.  
 ARCO FED. B # 2 LOCATION  
 GRAND COUNTY, UTAH



1" = 50' HORIZONTAL  
 1" = 20' VERTICAL

CROSS-SECTIONS OF  
 ARCO FED. B # 2



Map 1

April 12, 1984

TXO Production Corporation  
Attn: K. P. Bow  
1800 Lincoln Center Bldg.  
Denver, Colorado 80264

RE: Well No. Arco Fed. "B" #2  
(Surf) SESE Sec.6, T.16S, R.25E  
(Prod.) SWSW Sec.6, T.16S, R.25E  
Grand County, Utah

Gentlemen:

Approval to drill the above referenced gas well is hereby granted in accordance with Order of Cause No. 149-1 dated March 14, 1973 and Cause No. 149-16 dated November 30, 1982, subject to the following stipulations:

1. Submittal of directional drilling data upon completion of drilling operations to properly ascertain the location of the producing formation.

In addition, the following actions are necessary to fully comply with this approval:

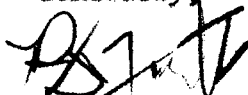
1. Spudding notification to the Division within 24 hours after drilling operations commence.
2. Submittal to the Division of completed Form GGC-8-X, Report of Water Encountered During Drilling.
3. Prompt notification to the Division should you determine that it is necessary to plug and abandon this well. Notify R. J. Firth, Associate Director, Telephone (801) 533-5771 (Office), 571-5068 (Home).
4. Compliance with the requirements and regulations of Rule C-27, Associated Gas Flaring, General Rules and Regulations, Oil and Gas Conservation.

TXO Production Corp.  
Well No. Arco Fed. "B" #2  
April 12, 1984  
Page 2

5. This approval shall expire one (1) year after date of issuance unless substantial and continuous operation is underway or an application for an extension is made prior to the approval expiration date.

The API number assigned to this well is 43-019-31146.

Sincerely,



R. J. Firth  
Associate Director, Oil & Gas

RJF/as

cc: Branch of Fluid Minerals  
Enclosures

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

## APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

## 1a. TYPE OF WORK

DRILL ☒DEEPEN ☐PLUG BACK ☐

## b. TYPE OF WELL

OIL  
WELL ☐GAS  
WELL ☒OTHER ☐SINGLE  
ZONE ☐MULTIPLE  
ZONE ☒

## 2. NAME OF OPERATOR

TXO Production Corp. Attention: K. P. Bow

## 3. ADDRESS OF OPERATOR

1800 Lincoln Center Building, Denver, CO 80264

## 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)\*

At surface 77' FSL, 1913' FWL, Section 6-T16S-R25E

At proposed prod. zone Dakota Sands: 1000' FSL, 750' FWL, Sec. 6-T16S-R25E  
Total Depth: 1113' FSL, 607' FWL, Sec. 6-T16S-R25E

## 14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*

Approximately 41 miles NW of Mack, Colorado.

## 15. DISTANCE FROM PROPOSED\*

LOCATION TO NEAREST  
PROPERTY OR LEASE LINE, FT.  
(Also to nearest drlg. unit line, if any)

650'

## 16. NO. OF ACRES IN LEASE

697'

17. NO. OF ACRES ASSIGNED  
TO THIS WELL

320

## 18. DISTANCE FROM PROPOSED LOCATION\*

TO NEAREST WELL, DRILLING, COMPLETED,  
OR APPLIED FOR, ON THIS LEASE, FT.

3634'

## 19. PROPOSED DEPTH

6500' TVD

## 20. ROTARY OR CABLE TOOLS

Rotary

## 21. ELEVATIONS (Show whether DF, RT, GR, etc.)

7268' GR

## 22. APPROX. DATE WORK WILL START\*

July 1, 1984

## 23.

## PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
24"	16"	Corrugated Iron	40'	2 yards
12 1/4"	9 5/8"	36#	300'	160 sacks
8 3/4"	7"	20#	2758' MD 2700' TVD	200 sacks
6 1/4"	4 1/2"	10.5#	6760' MD 6500' TVD	150 sacks

TXO Production Corp. proposed to **directionally drill** the subject well using an angle building rate of 2°/100 feet in accordance with the following table:

	TVD	MD	Deviation	Angle
Kickoff Depth	1000'	1000'	0'	0°
Angle Established	1900'	1915'	145'	18.3°
Initial Objective	5950'	6181'	1485'	18.3°
Total Depth	6500'	6761'	1667'	18.3°

The initial production target (Dakota sands) is located 1000' FSL, 750' FWL of Section 6 and is planned with a 150' target radius to comply with State spacing order Cause No. 149-1.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

## 24.

SIGNED

R. E. Dashner  
R. E. DashnerTITLE District Drilling Mgr.DATE March 22, 1984

(This space for Federal or State office use)

PERMIT NO. \_\_\_\_\_

APPROVAL DATE \_\_\_\_\_

/s/ GENE NODINE

DISTRICT MANAGER

DATE 23 APR 1984

APPROVED BY \_\_\_\_\_

TITLE \_\_\_\_\_

DATE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY:

THIS APPROVAL IS SUBJECT TO ALL THE CONDITIONS OF APPROVAL IN THE ORIGINAL APPLICATION DATED December 8, 1982.

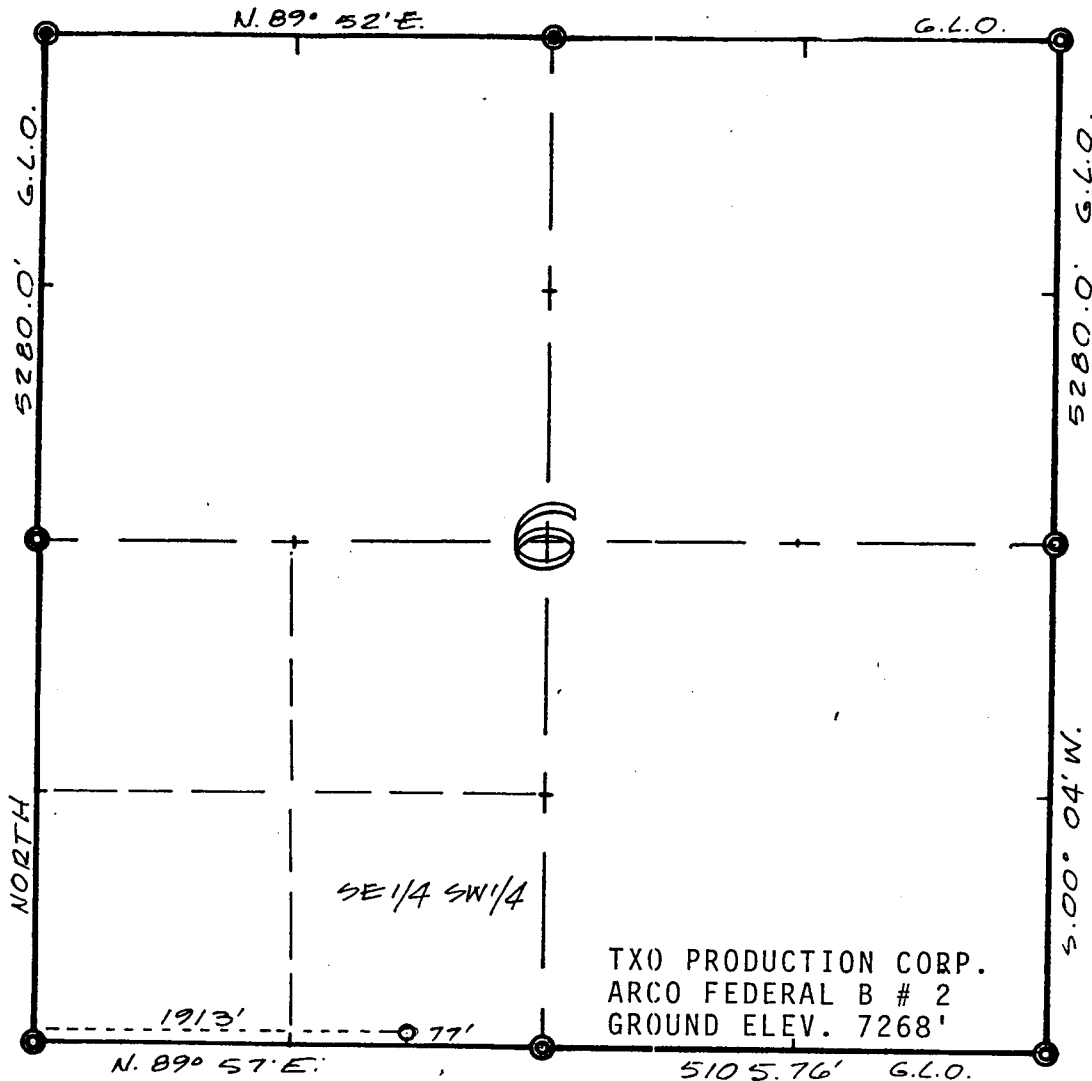
FLARING OR VENTING OF  
GAS IS SUBJECT TO NTL 4-A  
DATED 1/1/80

CONDITIONS OF APPROVAL ATTACHED

State of Utah

SEC. 6, T. 16 S., R. 25 E. OF THE S.L.M.

EXHIBIT # 2



LEGEND

- STANDARD LOCATION OF G.L.O. CORNERS.
- G.L.O. CORNERS FOUND.
- WELL LOCATION STAKED.

REFERENCE DOCUMENTS

1924 GLO PLAT

SAN ARROYO RIDGE, UT.  
QUADRANGLE, USGS

THIS WELL LOCATION PLAT WAS PREPARED FOR TXO PRODUCTION CORP.  
AS REQUESTED BY PAUL URBAN, TO LOCATE THE  
ARCO FEDERAL B # 2, 77' F.S.L. & 1913' F.W.L.,  
IN THE SE 1/4 SW 1/4, OF SECTION 6, T. 16 S., R. 25 E. OF THE S.L.M.  
GRAND COUNTY, UTAH.

SURVEYOR'S CERTIFICATE

I, LARRY D. BECKER A REGISTERED LAND SURVEYOR  
IN THE STATE OF UTAH DO HEREBY CERTIFY THAT THIS  
SURVEY WAS MADE UNDER MY DIRECT SUPERVISION AND  
THAT THIS PLAT REPRESENTS SAID SURVEY.

Larry D. Becker  
UTAH L.S. NO. 4189

SURVEYED 9/22/82  
DRAWN 9/30/82  
CHECKED 9/30/82

ENERGY  
SURVEYS &  
ENGINEERING CORP.

Exhibit 2  
Survey Plat

SCALE 1" = 1000'  
JOB NO.  
SHEET OF

TXO Production Corporation  
Well No. ARCO B-2  
Section 6, T.16S., R.25E.  
Grand County, Utah  
Lease U-9831

#### Supplemental Stipulations

#### CONSTRUCTION:

- 1) The dirt contractor will be furnished with an approved copy of the surface use plan and any additional BLM stipulations prior to any work.
- 2) Use of water from sources such as wells, springs, streams or stock ponds for activities associated with this well will be approved, prior to use, by the agency or individual holding the water right.
- 3) If subsurface cultural material is exposed during construction, work in that spot will stop immediately and the Grand Resource Area Office will be contacted. Salvage or excavation of identified archaeological sites will only be done if damage occurs.
- 4) Improvement to the existing road will not be necessary. The total disturbed width allowed will be as is. The allowable travel surface will be as is. The proper drainage design and controls shall be used to insure erosion control. This shall include but not be limited to, drainage dips, crowns, and ditching.

New road construction will be limited to an allowable travel surface width of 16 feet. For construction design and survey refer to class III road standards attachment.

Topsoil will be saved along the route on the uphill side.

Surface disturbance and vehicular travel will be limited to the approved location and approved access route. Any additional area needed will be approved in advance.

Surfacing material will not be placed on the access road or location without prior BLM approval.

- 5) Location: Satisfactory as planned; to insure erosion control, reroute drainage to west of pad and use excess fill to berm pad. All drainage from pad should be directed into pits.
- 6) The top 8 inches of soil material will be removed from the location and stockpiled separate from the trees on the south corner of the location. Topsoil along the access will be reserved in place.

Trees greater than 4" in diameter will be bucked up into 4' lengths and piled on the southwest side of the pad.

- 7) The reserve pit will not be lined. Keyway. The reserve pit banks will be 1.5 to 2.0 feet above pad and constructed in 8" lifts, machinery compacted, and sufficiently wide for equipment to pass over.
- 8) Three sides of the reserve pit will be fenced before drilling starts. The fourth side will be fenced as soon as the drilling is completed. The fence will be kept in good repair while the pit is drying. The fence will be 4 strands of barbed wire. Blooie pit will have a backstop to control flare from burning vegetation off pad.
- 9) A buffer of trees will be left between access road and location to reduce visual effects.
- 10) Adequate and sufficient magnetic compass multi shot directional surveys, (minimum acceptable) will be made through the entire course of the well bore, to determine to the satisfaction of MMS, the trajectory of the directionally drilled well bore, and to assure that the well bore follows the projected trajectory or course, as approved.
- 11) Adequate and sufficient electric/radioactive logs will be run to locate and identify anticipated coal beds in the Cretaceous. Please also provide two copies of drilling logs. Casing and cementing programs will be adjusted to wliminate any potential influence of the well bore or productive hydrocarbon zones on the coal resource. Surface casing program may require adjustment for protection of fresh water aquifers.

## PRODUCTION

1. The reserve pit and that portion of the location and access road not needed for production or production facilities will be reclaimed in the methods described in the rehabilitation section. All of the stockpiled topsoil will be used in reclaiming the unused areas.
2. All above-ground production facilities will be painted using the attached suggested colors.
3. The access will be to the design of a class III road.
4. Burning on location during any phase. If drilling or production will require a permit, permits should be obtained from the State Lands and Forestry Office in Moab, (801) 259-8621, Paul Pratt.

## REHABILITATION

1. Immediately upon completion of drilling, the location and surrounding area will be cleared of all debris resulting from the operation. All trash will be disposed of in the trash cage. Non-burnable debris will be hauled to a local town dump site. Do not leave any trash in pits.
2. The operator or his contractor will contact the Grand Resource Area BLM office in Moab, Utah, phone (801 259-6111), 48 hours prior to starting rehabilitation work that involves earthmoving equipment and upon completion of restoration measures.
3. Before any dirt work to restore the location takes place, the reserve pit must be completely dry and any trash (barrels, metal etc.) it contains must be removed from public lands.
4. All disturbed areas will be recontoured to blend as nearly as possible with the surrounding area.
5. The stockpiled topsoil will be evenly distributed over the disturbed area.
6. All disturbed areas will be scarified with the contour to a depth of 10 inches. Do not smooth pads out, leave a roughened surface.
7. Seed will be (broadcast/drilled) at a time to be specified by the BLM with the following seed prescription. When broadcast seeding, a harrow or some such implement will be dragged over the seeded area to assure seed cover. Broadcast seed will be two times the pounds/acre on the enclosed seed list.
8. Waterbars will be used as needed on all sloping surfaces as shown below:

### Grade

2%  
2-4%  
4-5%  
+5%

### Spacing

200 ft. spacing  
100 ft. spacing  
75 ft. spacing  
50 ft. spacing

9. After seeding is complete the stockpiled trees will be scattered evenly over the disturbed areas and walked down with a dozer. The access will be blocked to prevent any vehicle use.

## SEED MIXTURE

<u>Species</u>		<u>Rate</u> <u>lbs/acre</u>
<u>Grasses</u>		
Agropyron smithii	Western wheatgrass (Bluestem wheatgrass)	1
Elymus canadensis	Canada wildrye	1
Poa fendleriana	Muttongrass	1
<u>Forbs</u>		
Melilotus officinalis	Yellow sweetclover	1
Medicago sativa	Alfalfa	1
<u>Shrubs</u>		
Atriplex canescens	Fourwing saltbush (White greasewood)	2
Total		<hr/> 7

Broadcast seed will be applied at double the above rate.

Seeding will be done in the fall of the year (Oct. - Dec.)



# United States Department of the Interior

## BUREAU OF LAND MANAGEMENT

IN REPLY REFER TO

### SUGGESTED COLORS TO PAINT OIL & GAS PRODUCTION FACILITIES

#### Cisco Desert and Flats below the Bookcliffs:

Dynasty Green	(Sears)
Tumbleweed	(Pratt & Lambert)

~~Desert Tan~~

Sage Gray	(Pratt & Lambert)
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#### Bookcliffs Region:

Sage Gray	(Pratt & Lambert)
Sea Life	(Pratt & Lambert)
Dynasty Green	(Sears)

Similar hues other than the ones mentioned above must be approved by the Grand Resource Area Manager.

CONDITIONS OF APPROVAL FOR NOTICE TO DRILL

Company TXO Production Corporation Well No. Arco Federal "B" #2  
Location Sec. 6, T. 16 S., R. 25 E. Lease No. U-9831

A COPY OF THESE CONDITIONS SHOULD BE FURNISHED YOUR  
FIELD REPRESENTATIVE TO INSURE COMPLIANCE

All lease and/or unit operations are to be conducted in such a manner that full compliance is made with the applicable laws, regulations (30 CFR 221), and the approved plan of operations. The operator is considered fully responsible for the actions of his subcontractors. The following items are emphasized:

1. There shall be no deviation from the proposed drilling and/or workover program as approved. Safe drilling and operating practices must be observed. All wells, whether drilling producing, suspended, or abandoned shall be identified in accordance with 30 CFR 221.22. Any changes in operations must have prior approval of this office. Pressure tests are required before drilling out from under all casing strings set and cemented in place. Blowout preventer controls must be installed prior to drilling the surface casing plug and will remain in use until the well is completed or abandoned. Preventers will be inspected and operated at least daily to insure good mechanical working order, and this inspection recorded on the daily drilling report. Preventers will be pressure tested before drilling casing cement plugs. All BOP pressure tests must be recorded on the daily drilling report.
2. All shows of fresh water and minerals will be reported and protected. A sample will be taken of any water flows and furnished this office for analysis. All oil and gas shows will be adequately tested for commercial possibilities, reported and protected.
3. No location will be constructed or moved, no well will be plugged, and no drilling or workover equipment will be removed from a well to be placed in a suspended status without prior approval of this office. If operations are to be suspended, prior approval of this office must be obtained and notification given before resumption of operations.

In the event abandonment of the hole is desired, an oral request may be granted by this office, but must be timely followed within 15 days with a "Notice of Intention to Abandon" (Form 9-331). Unless the plugging is to take place immediately upon receipt of oral approval, the District Manager must be notified at least 48 hours in advance of the plugging of the well in order that a representative may witness plugging operation. If a well is suspended or abandoned, all pits must be fenced immediately until they are backfilled. The "Subsequent Report of Abandonment" (Form 9-331) must be submitted within 15 days after the actual plugging of the well bore, reporting where the plugs were placed, and the current status of the surface restoration. If surface restoration has not been completed at that time, a follow-up report on form 9-331 should be filed when all surface restoration has been completed and the location is considered ready for final inspection.

4. The spud date will be reported orally to the respective District Manager's office within 48 hours after spudding. If the spudding occurs on a weekend or holiday, wait until the following regular workday to make this report.

Periodic drilling progress reports must be filed directly with the District Manager's office on a frequency and form or method as may be acceptable to the District Manager.

In accordance with NTL-1, this well must be reported on Form 9-329 "Monthly Report of Operations", starting with the month in which operations commence and continue each month until the well is physically plugged and abandoned. This report should be filed, in duplicate, directly with Royalty Management Accounting Center, Minerals Management Service, P. O. Box 2859, Casper, Wyoming 82602.

Any change in the program must be approved by the District Manager. "Sundry Notices and Reports on Wells" (form 9-331) must be filed for all changes of plans and other operations in accordance with 30 CFR 221.58. Emergency approval may be obtained orally, but such approval does not waive the written report requirement. Any additional construction, reconstruction, or alteration of facilities, including roads, gathering lines, batteries, etc., which will result in the disturbance of new ground will require the filing of a suitable plan pursuant to NTL-6, and prior approval by the District Manager.

5. Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (form 9-330) will be submitted not later than 15 days after completion of the well or after completion of operations being performed, in accordance with 30 CFR 221.59. Two copies of all logs run, core descriptions, core analyses, well-test data, geologic summaries, sample descriptions, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, will be filed with form 9-330. Samples (cuttings, fluid, and/or gas) will be submitted only when requested by this office.
6. Significant surface values (are) (are not) involved at this location. Accordingly, you (must) (need not) notify at least (24) (48) hours prior to commencing field operations to allow this office to have personnel present for consultation during the construction of roads and locations.

Your contact with the District Office is: Robert (Bob) Graff

Office Phone: 801-259-6111 Ext 216 Home Phone: \_\_\_\_\_

City: Moab State: Utah

Resource Area Manager's Address and contacts are:

Address: Old Sand Flat Road, P.O. Box M, Moab, Utah

Your contact is: Wayne Svejnoha

Office Phone: 801-259-8193 Home Phone: 801-259-8476

## 7. SURFACE OPERATING STANDARDS

Unless otherwise specified herein, construction and maintenance of surface facilities approved under this plan shall be in accordance with the guidelines set forth in the BLM/FS/GS Oil and Gas Brochure entitled, "Surface Operating Standards for Oil and Gas Exploration and Development". This includes but is not limited to such items as road construction and maintenance, handling of top soil and rehabilitation.

8. If a replacement rig is contemplated for completion operations, a "Sundry Notice" to that effect must be filed, for prior approval of the District Manager, and all conditions of this approved plan are applicable during all operations conducted with the replacement rig.
9. Pursuant to NTL-2B requirements regarding disposal facilities for new wells, this is authorization for unlined pit disposal of the water produced from this well for a period of 90 days from the date of initial production for sales purposes. During this period, an application for approval of the permanent disposal method, along with the required water analysis and other information must be submitted for the District Manager's approval. Failure to timely file an application within the time allowed will be considered an incident of noncompliance, and will be grounds for issuing a shut-in order until the application is submitted.
10. This permit is valid for a period of one year from the date of approval. If construction does not commence within 90 days from approval, the operator must contact this office 15 days prior to beginning construction. Construction under adverse conditions may require additional stipulations. If the permit terminates, any surface disturbance created under the application must be rehabilitated in accordance with the approved plan. After termination, it is required that a new application be filed for approval for any future operations.
11. If a tank battery is constructed on this lease, it must be surrounded by a fire wall of sufficient capacity to adequately contain the storage capacity of the battery.
12. This Application for Permit to Drill is approved subject to the requirement that, should the well be successfully completed for production, this office must be notified when it is placed in a producing status. Such notification will be by telegram or other written communication, and must be received in this office by not later than the first business day next following the date on which the well is placed on production. The notification shall provide, as a minimum, the following informational items:
  - a. Operator name, address and telephone number.
  - b. Well name and number.
  - c. Well location (1/4, 1/4, Section, Township, Range and Prime Meridian).
  - d. Date was placed in a producing status.
  - e. The nature of the well's production, i.e. crude oil, or crude oil and casinghead gas, or natural gas and entrained liquid hydrocarbons.

f. The OCS, Federal or Indian lease prefix and number on which the well is located. Otherwise, the non-Federal or non-Indian land category, i.e. State or private.

g. If appropriate, the unit agreement name, number and participating area name.

h. If appropriate, the communitization agreement number.

13.

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SUPPLEMENTAL STIPULATIONS OF APPROVAL ATTACHED

## ADDITIONAL STIPULATIONS FOR PRODUCTION FACILITIES

Your Application for Permit to Drill also included a submittal for production facilities. These production facilities are approved for the lessee and his designated operator under Section 1 of the Oil and Gas Lease with the following conditions:

- (1) The oil and gas measurement facilities must be installed on the well location. The oil and gas meters will be calibrated in place prior to any deliveries. Tests for meter accuracy are to be conducted monthly for the first three months on new meter installations and at least quarterly thereafter. Please provide this office with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports are to be submitted to the Salt Lake City District Oil and Gas Supervisor. Royalty payments will be made on all production volume as determined by the meter measurements or the tank measurements. All measurement facilities must conform with the API standards for liquid hydrocarbons and the AGA standard for natural gas measurement.
- (2) Gas meter runs for each well will be located within 500 feet of the wellhead. The gas flowline will be buried from the wellhead to the meter and 500 feet downstream of the meter run or any production facilities. Meter runs must be housed and/or fenced.
- (3) All disturbed areas not required for operations will be rehabilitated.
- (4) All produced liquids must be contained including the dehydrator vent/condensate line effluent. All production pits must be fenced.
- (5) The well activity, the well status and the date the well is placed on production must be reported on Lessee's Monthly Report of Operations, Form 9-329.
- (6) All off-lease storage, off-lease measurement, or commingling on lease or off-lease must have written approval.
- (7) All product lines entering and leaving hydrocarbon storage tanks must be locked/sealed.
- (8) You are reminded of the requirements for handling, storing, or disposing of water produced from oil and gas wells under NTL-2B.
- (9) All materials, trash, junk, debris, etc. not required for production must be removed from the well site and production facility site at the completion of these operations.
- (10) A copy of the Gas Sales Contract will be provided to this office and the Royalty Accounting Department as directed.
- (11) Construction and maintenance for surface use approved under this plan should be in accordance with the surface use standards as set forth in the BLM/GS Oil and Gas Brochure entitled, "Surface Operating Standards for Oil and Gas Exploration and Development." This includes, but is not limited to, such items as road construction and maintenance, handling of top soil and rehabilitation.
- (12) "Sundry Notice and Reports on Wells" (form 9-331) will be filed for all changes of plans and other operations in accordance with 30 CFR 221.58. Emergency approval may be obtained verbally, but such approval does not waive the written report requirement. Any additional construction, reconstruction, or alternations of facilities, including roads, gathering lines, batteries, measurement facilities, etc., will require the filing of a suitable plan and prior approval by the survey.

# TXO

**TXO PRODUCTION CORP.**

1800 LINCOLN CENTER BUILDING  
DENVER, COLORADO 80264

TELEPHONE (303) 861-4246

# RECEIVED

March 30, 1983

APR 2 1984

DIVISION OF  
OIL, GAS & MINING

Utah Division of Oil, Gas & Mining  
Department of Natural Resources & Energy  
4241 State Office Building  
Salt Lake City, Utah 84114

Attn: Norm Stout

Re: Arco Federal "B" #2  
Section 6-T16S-R25E  
Grand County, Utah  
~~APD #43-019-31008~~

Gentlemen:

TXO Production Corp. requests that the permit to drill the referenced well be reapproved. Approval to drill was rescinded on February 3, 1984 due to the time delay in commencing drilling operations.

Enclosed is an APD and a 10 point drilling plan showing a modified directional drill program. The surface location of the well is unchanged from that initially approved. If you have any questions, please contact me at this office.

Very truly yours,

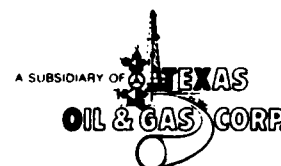
TXO PRODUCTION CORP.



Karen P. Bow  
Environmental Scientist

KPB/gbp

Enclosures/as stated





STATE OF UTAH  
NATURAL RESOURCES  
Oil, Gas & Mining

Norman H. Bangerter, Governor  
Dee C. Hansen, Executive Director  
Dianne R. Nielson, Ph.D., Division Director

355 W. North Temple • 3 Triad Center • Suite 350 • Salt Lake City, UT 84180-1203 • 801-538-5340

April 9, 1985

Bureau of Land Management  
Branch of Fluid Minerals  
P O Box 970  
Moab, Utah 84532

Attention: Ms. Carol Fruediger

Dear Ms. Fruediger:

Re: Well No. "Arco Federal "B" #2 - Sec. 6, T. 16S., R. 25E.,  
Grand County, Utah - Lease No. U9831  
Operator of Record: TXO Production Corporation

The above referenced well in your district was given federal approval to drill April 23, 1984. This office has not received notification of any activity on this location.

Please let me know what action, if any, the Bureau of Land Management is taking on this well.

Thank you for your help in keeping our records up to date.

Sincerely,

Pam Kenna  
Well Records Specialist

cc: Dianne R. Nielson  
Ronald J. Firth  
John R. Baza  
File

0161S/66



# United States Department of the Interior

3162 (U-065)

## BUREAU OF LAND MANAGEMENT

Moab District  
P. O. Box 970  
Moab, Utah 84532

**RECEIVED**

**APR 16 1985**

**APR 18 1985**

**DIVISION OF OIL  
GAS & MINING**

State of Utah  
Division of Oil, Gas and Mining  
355 West North Temple  
3 Triad Center, Suite 350  
Salt Lake City, Utah 84180-1203

Attention: Ms. Pam Kenna

Re: Requests on Status of Wells

Gentlemen:

We are replying to your requests for status on the following wells:

- 1) TXO Production Corporation  
Well No. Book Cliffs 6  
Sec. 33, T. 18 S., R. 22 E.  
Lease U-036905

Their APD was approved April 24, 1984. We have no record of any drilling activity at this time. We will begin procedures for rescinding their APD after April 24, 1985.

- 2) Wesgra Corporation  
Well No. Gebauer-Skeen 13  
Sec. 7, T. 42 S., R. 19 E.  
Lease U-7303

We are in the process of rescinding their APD.

- 3) Wesgra Corporation  
Well No. Gebauer-Skeen 14  
Sec. 7, T. 42 S., R. 19 E.  
Lease U-7303

We are in the process of rescinding their APD.

- 4) Wesgra Corporation  
Well No. Gebauer-Skeen 15  
Sec. 7, T. 42 S., R. 19 E.  
Lease U-7303

We are in the process of rescinding their APD.

- 5) TXO Production Corporation  
Well No. Arco Federal "B" 2  
Sec. 6, T. 16 S., R. 25 E.  
Lease U-9831

This APD was reapproved on April 23, 1984. We have no record of any drilling activity at this time. We will begin procedures for rescinding their APD after April 23, 1985.

- 6) Transco Exploration Company  
Well No. Bug Point 3-10  
Sec. 10, T. 37 S., R. 26 E.  
Lease U-31480

Transco Exploration Company does not plan to drill the SE Bug Point Well #3-10. Their APD was not approved but returned to the company per their request.

- 7) Wright's Drilling  
Well No. Wright-Rogers 4  
Sec. 28, T. 41 S., R. 18 E.  
Lease U-39638

This APD was rescinded on March 22, 1985.

- 8) Tricentrol Resources, Inc.  
Well No. Little Nancy Federal 3-41  
Sec. 3, T. 38 S., R. 25 E.  
Lease U-40053

We are in the process of rescinding their APD.

- 9) Tricentrol Resources, Inc.  
Well No. Nancy Federal 11-22B  
Sec. 11, T. 38 S., R. 25 E.  
Lease U-40053

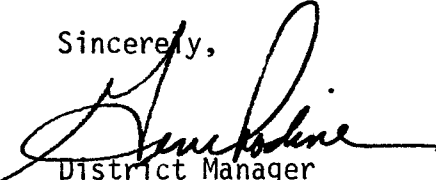
Their APD was approved May 30, 1984. We have no record of any drilling activity at this time. We will begin procedures for rescinding their APD after May 30, 1985.

- 10) Wright's Drilling  
Well No. Wright-Rogers 2  
Sec. 34, T. 41 S., R. 18 E.  
Lease U-53336

Their APD was approved April 23, 1984. We have no record of any drilling activity at this time. We will begin procedures for rescinding their APD after April 23, 1985.

If you have any questions, please contact the Branch of Fluid Minerals  
(801) 259-6111.

Sincerely,



District Manager



# United States Department of the Interior 3162 (U-065)

BUREAU OF LAND MANAGEMENT

Moab District  
P. O. Box 970  
Moab, Utah 84532

SEP 30 1986

**RECEIVED**  
OCT 01 1986

State of Utah  
Division of Oil, Gas and Mining  
355 West North Temple  
3 Triad Center, Suite 350  
Salt Lake City, Utah 84180-1203

**DIVISION OF  
OIL, GAS & MINING**

Attention: Mr. John Baza

Re: Requests of Status of Wells

Dear Mr. Baza:

We are replying to your requests for status on the following wells:

- 1) F-L Energy Corporation  
Well No. Alker Federal 1-11  
Sec. 11, T. 15 S., R. 12 E.  
Well No. Alker Federal 1-15  
Sec. 15, T. 15 S., R. 12 E.  
Lease U-52626

Approval was given for the extension of application on Well No. 1-11 until 10/18/86, so Wells 1-11 and 1-15 could be drilled at the same time. No activity at this time.

- 2) Howell Oil Company  
Well No. Gebauer-Risenhoover 24  
Sec. 7, T. 42 S., R. 19 E.  
Lease U-7303

We are in the process of rescinding this application.

- 3) Nicor Exploration Company  
Well No. Federal 28-34  
Sec. 28, T. 19 S., R. 21 E.  
Lease U-0149776

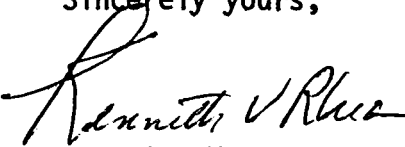
Application was returned unapproved. Lease terminated two days after the receipt of the application.

- 4) TXO Production Company  
Well No. ARCO Federal "B" 2  
Sec. 6, T. 16 S., R. 25 E.  
Lease U-9831

The pad was built, but the well was never drilled. TXO has intentions to drill this well at some point in the future (under a new APD) and has asked for approval to leave the well pad as is. This approval will be granted on a yearly basis. Approval was granted September 1, 1986.

If you have any questions, please contact the Branch of Fluid Minerals (801) 259-6111.

Sincerely yours,

  
ACTING District Manager

MOAB DISTRICT OFFICE

F-L ENERGY CORPORATION

Alker Federal Well No. 1-11  
Sec.11, T.15S, R.12E,  
Carbon County, Utah  
API NO. 43-007-30094

Alker Federal Well No. 1-15  
Sec.15, T.15S, R.12E,  
Carbon County, Utah  
API NO. 43-007-30113

HOWELL OIL COMPANY

Gebauer Risenhoover Well No. 24  
Sec.7, T.42S, R.19E  
San Juan County, Utah  
API No. 43-037-31155

NICOR EXPLORATION COMPANY

Federal Well No. 28-34  
Sec.28, T.19S, R.21E,  
Grand County, Utah  
API NO. 43-019-31188

TXO PRODUCTION COMPANY

ARCO Federal "B" Well No. 2  
Sec.6, T.16S, R.25E  
Grand County, Utah  
API No. 43-019-31146



STATE OF UTAH  
NATURAL RESOURCES  
Oil, Gas & Mining

101506

Norman H. Bangerter, Governor  
Dee C. Hansen, Executive Director  
Dianne R. Nielson, Ph.D., Division Director

355 W. North Temple • 3 Triad Center • Suite 350 • Salt Lake City, UT 84180-1203 • 801-538-5340

October 6, 1986

TXO Production Corporation  
1800 Lincoln Center Bldg.  
Denver, Colorado 80264

Gentlemen:

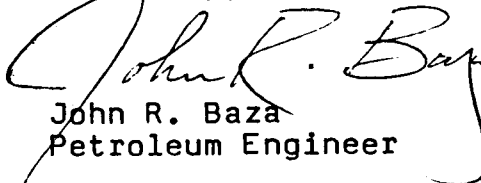
RE: Well No. Arco Federal "B" #2, Sec.6, T.16S, R.25E,  
Grand County, Utah, API NO. 43-019-31146

Due to excessive time delay in commencing drilling operations, approval to drill the subject well is hereby **rescinded**, effective one calendar month from the date of this notice.

If it is your intent to proceed with operations on the well, you must submit a request for extension of the approval to drill within the one month grace period. After the grace period, a new Application for Permit to Drill must be filed with this office for approval, prior to future drilling of the subject location.

If any previously unreported operations have been performed on this well location, it is imperative that you notify the Division of Oil, Gas and Mining immediately.

Sincerely,

  
John R. Baza  
Petroleum Engineer

sb

cc: BLM-Moab

D. R. Nielson

R. J. Firth

Well file

0327T-8